

Datasheet for ABIN1531623
anti-PRKAR2B antibody (pSer113)



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1 Image

Overview

Quantity:	100 µL
Target:	PRKAR2B
Binding Specificity:	AA 79-128, pSer113
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PKA-R2 beta around the phosphorylation site of Ser113.
Isotype:	IgG
Specificity:	PKA-R2 beta (Phospho-Ser113) Antibody detects endogenous levels of PKA-R2 beta only when phosphorylated at Ser113. PhosphorylationH:S113 M:S111 R:S111
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

Target:	PRKAR2B
Alternative Name:	PKA-R2 beta (PRKAR2B Products)
Background:	Synonyms: KAP3, PKA R2-beta, PRKAR2B, cAMP-dependent protein kinase type II-beta regulatory chain NCBI Gene Symbol: PRKAR2B
Molecular Weight:	46 kDa
Gene ID:	5577
OMIM:	176912
UniProt:	P31323
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , M Phase , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

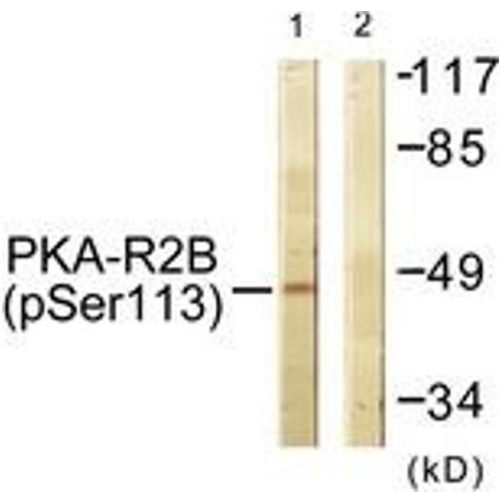
Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.433068 (NCBI Gene Symbol: PRKAR2B)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells treated with PMA 125ng/ml 30', using PKA-R2 beta (Phospho-Ser113) Antibody. The lane on the right is treated with the synthesized peptide.